

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110619\
 Data File : VW013926.D
 Acq On : 06 Nov 2019 16:04
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02520

Quant Time: Nov 07 00:57:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110119S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 07 00:53:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	333587	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	320734	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	196700	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	91914	17.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.84%
7) Chloroethane-d5	2.89	69	80529	19.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.68%
10) 1,1-Dichloroethene-d2	4.02	63	203868	19.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.12%
20) 2-Butanone-d5	7.07	46	84173	45.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.14%
24) Chloroform-d	7.65	84	227773	21.67	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.68%
26) 1,2-Dichloroethane-d4	8.31	65	122620	21.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.72%
29) Benzene-d6	8.27	84	455420	21.20	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.80%
33) 1,2-Dichloropropane-d6	9.27	67	139027	21.38	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.52%
37) Toluene-d8	10.32	98	425992	20.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.60%
38) trans-1,3-Dichloropropene-	10.58	79	63717	21.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.84%
39) 2-Hexanone-d5	10.92	63	69981	47.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.74%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	131151	22.80	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.20%
61) 1,2-Dichlorobenzene-d4	13.85	152	168035	21.59	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.36%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	65683	18.319	ug/L 98
3) Chloromethane	2.21	50	72899	17.728	ug/L 99
5) Vinyl chloride	2.36	62	122334	20.829	ug/L 100
6) Bromomethane	2.78	94	74508	20.168	ug/L 100
8) Chloroethane	2.92	64	71662	21.493	ug/L 99
9) Trichlorofluoromethane	3.26	101	67933	22.706	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	124072	21.608	ug/L 99
12) 1,1-Dichloroethene	4.04	96	121992	21.190	ug/L 87
13) Acetone	4.12	43	70014	38.488	ug/L 95
14) Carbon disulfide	4.39	76	356576	21.671	ug/L 98
15) Methyl Acetate	4.67	43	67606	21.462	ug/L 99
16) Methylene chloride	4.92	84	130057	20.852	ug/L 97
17) Methyl tert-butyl Ether	5.42	73	168810	23.179	ug/L 99
18) trans-1,2-Dichloroethene	5.42	96	130660	21.777	ug/L 99
19) 1,1-Dichloroethane	6.21	63	223399	21.930	ug/L 100
21) 2-Butanone	7.17	43	97482	39.040	ug/L 98
22) cis-1,2-Dichloroethene	7.17	96	138235	21.909	ug/L 92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	64309	21.676	ug/L	93
25) Chloroform	7.67	83	227333	22.196	ug/L	97
27) 1,2-Dichloroethane	8.40	62	149812	22.116	ug/L	99
30) Cyclohexane	7.95	56	212020	21.906	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	179090	22.802	ug/L	100
32) Carbon tetrachloride	8.07	117	177624	23.127	ug/L	99
34) Benzene	8.32	78	527600	22.658	ug/L	100
35) Trichloroethene	9.09	95	136163	22.183	ug/L	99
36) Methylcyclohexane	9.34	83	236275	21.930	ug/L	98
40) 1,2-Dichloropropane	9.37	63	127857	22.371	ug/L	99
41) Bromodichloromethane	9.64	83	161452	22.472	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	207665	23.056	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	191781	43.632	ug/L	99
44) Toluene	10.38	91	571345	22.834	ug/L	98
45) trans-1,3-Dichloropropene	10.60	75	169952	22.836	ug/L	97
46) 1,1,2-Trichloroethane	10.79	97	102388	22.435	ug/L	98
47) Tetrachloroethene	10.86	164	125386	22.188	ug/L	98
49) 2-Hexanone	10.97	43	136586	42.300	ug/L	97
50) Dibromochloromethane	11.13	129	121455	22.926	ug/L	95
51) 1,2-Dibromoethane	11.23	107	99737	22.107	ug/L	100
52) Chlorobenzene	11.66	112	355633	22.039	ug/L	99
53) Ethylbenzene	11.73	91	621069	22.298	ug/L	99
54) m,p-Xylene	11.83	106	245297	22.853	ug/L	98
55) o-xylene	12.16	106	230783	22.746	ug/L	98
56) Styrene	12.18	104	405003	23.132	ug/L	97
57) Isopropylbenzene	12.46	105	621800	22.728	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.71	83	127240	22.138	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	92795	21.504	ug/L	100
62) Bromoform	12.35	173	78608	21.980	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	293996	21.583	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	292664	21.433	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	269808	21.905	ug/L	100
66) 1,2-Dibromo-3-chloropropan	14.48	75	19604	19.869	ug/L	90
67) 1,3,5-Trichlorobenzene	14.63	180	223432	21.778	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	178190	21.453	ug/L	97
69) Naphthalene	15.36	128	337690	21.430	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	162705	21.258	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

